

### **Abstract of the Disclosure**

A method of communicating information from a sensor includes the step of modulating the emission of energy from an energy source in a manner that corresponds to information to be transmitted from the sensor through a transmissive section in the sensor housing. Energy from the energy source, which is within the housing of the sensor, also interacts with an analyte in a detectable manner. A sensor for detecting the presence of an analyte in an environment being tested includes a housing, an energy source within the housing, at least one detector within the housing adapted to detect interaction between energy emitted by the energy source and the analyte, a transmissive section in the housing through which energy emitted from the energy source can be transmitted; and a controller within the housing in operative connection with the energy source to modulate emission of energy from the energy source in a manner to communicate information through the transmissive section.